

A photograph of four people in a classroom. On the left is a man with curly brown hair wearing a dark button-down shirt and light-colored pants. Next to him is a young man with dark hair wearing a blue t-shirt, holding a white lab coat. To his right is a young man with curly dark hair wearing a blue and white striped button-down shirt. On the far right is a young woman with dark hair wearing a white lab coat. They are all smiling and have their arms around each other's shoulders. In the background, there is a whiteboard with some writing, a small square object on the wall, and two framed circular plaques. The text "School 2.0" is overlaid in large white letters, and "Creating The Schools We Need" is overlaid in smaller white letters below it.

School 2.0

Creating The Schools We Need

Chris Lehmann
Principal

Science Leadership Academy

My Biases:

School 2.0 is Progressive
Education with 21st Century Tools

21st Century Citizenry, Not 21st
Century Workforce

Public Education = Democracy

STOP!

Data Driven Decisions

Good Data Costs More than We Want to Spend

Accountability v. Responsibility

The Great Big Question:

How can we have so many passionate,
dedicated educators in our schools and still have
so many problems?

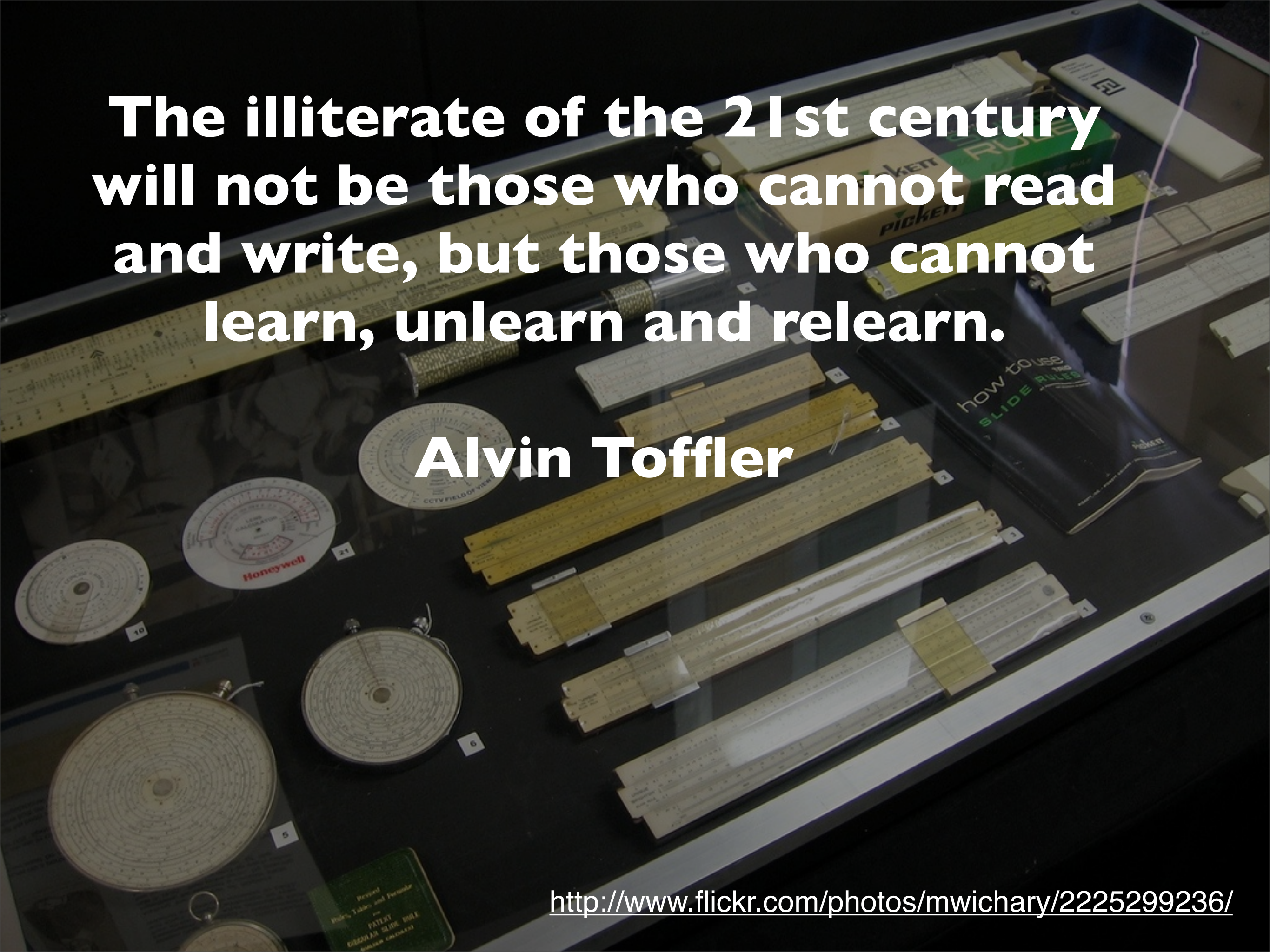
**If you want creative workers, give them
enough time to play.**

John Cleese



[http://www.flickr.com/photos/edublogger/
838786841/](http://www.flickr.com/photos/edublogger/838786841/)

Photo by Ewan McIntosh

A museum display of various analog calculating devices. The items are arranged on a dark surface. There are several slide rules of different sizes and materials (wood, metal). Some are labeled with numbers like 1, 2, 3, 4, 5, 6, 10, 21. There are also circular calculators, some with concentric circles and scales. One circular calculator is labeled 'Honeywell'. A book titled 'how to use SLIDE RULES' is visible on the right. A small green book titled 'Revised Rules, Tables and Formulae for PATENT GEARING SLIDE RULE' is at the bottom left. The text 'The illiterate of the 21st century will not be those who cannot read and write, but those who cannot learn, unlearn and relearn.' is overlaid in white.

**The illiterate of the 21st century
will not be those who cannot read
and write, but those who cannot
learn, unlearn and relearn.**

Alvin Toffler

Caring Institutions

We Teach Kids, Not Subjects



A close-up photograph of a male scientist with dark hair and glasses, wearing a white lab coat and blue nitrile gloves. He is focused on his work, using a black pipette to transfer liquid into a small vial. The background shows a laboratory environment with various pieces of equipment, including a large white machine on the left and a person's head visible in the upper right. The text "Student Centered" is overlaid in large white font at the top, and "It's Not About Us." is overlaid in large white font at the bottom.

Student Centered

It's Not About Us.

Inquiry Driven

What are the questions we
can ask together?

Abstract

In this project the topic will be Plants & Growth. The intended study is the effect of watering plants differently.

Hypothesis

I believe that "B" will show better growth because I think "Plant A" is likely to be drowned and "Plant C" will not receive enough water to grow.

Background

To conduct this experiment three pots will be used in which marigold seeds are to be planted. The research is conducted by watering "Plant A" everyday, "Plant B" every two days, and "Plant C" once a day with 1/4 of a cup of water.

Passionate



And it has to matter.

Meta-Cognitive

We need to think
about thinking.



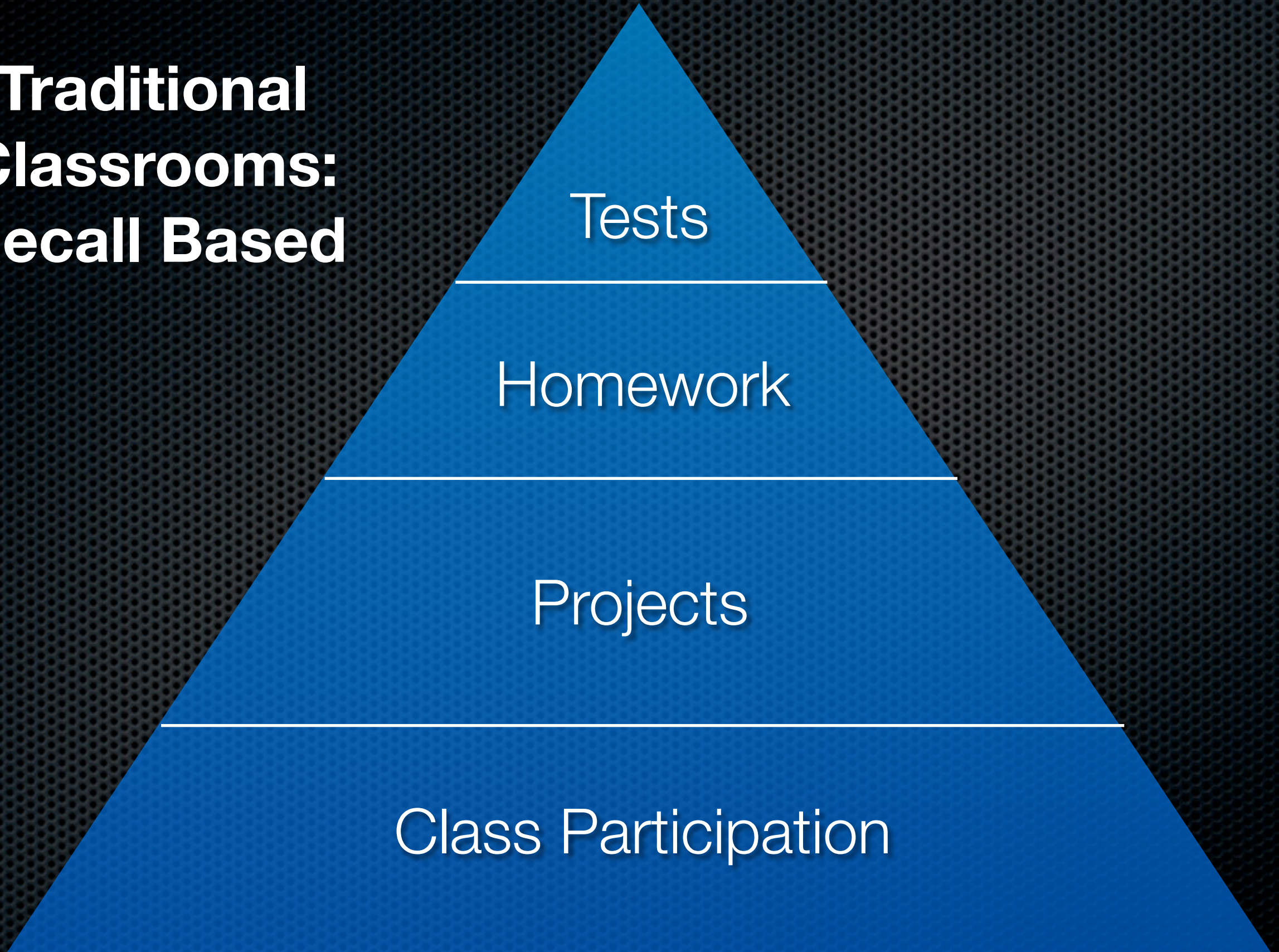
**Traditional
Classrooms:
Recall Based**

Tests

Homework

Projects

Class Participation



**The Schools
We Need:
Understanding
Driven**



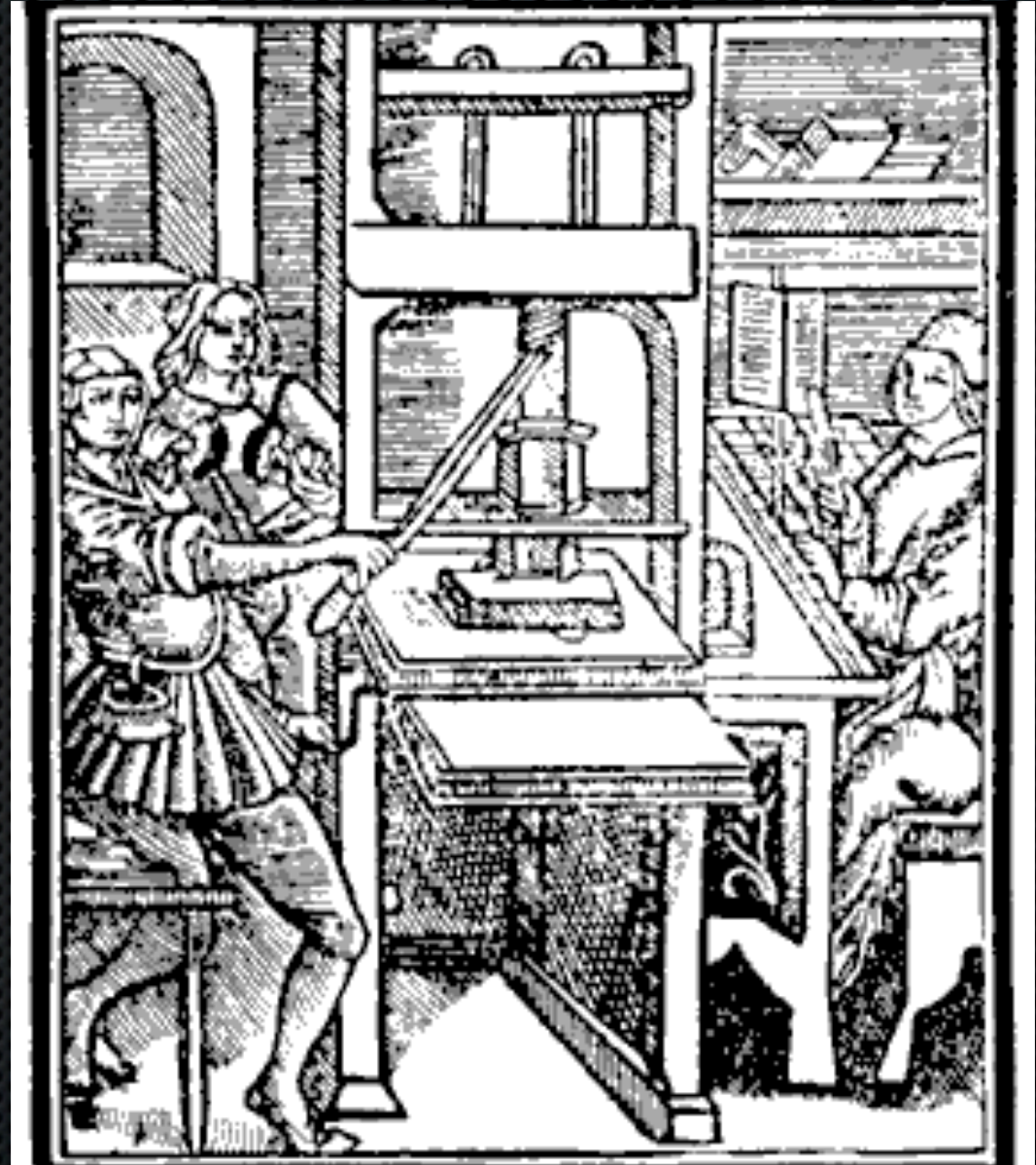
Projects

Homework

Class Participation


Tests & Quizzes

Paraphrasing
Neil Postman:
Certain Technologies
Are Not Additive,
They Are
Transformative



Technology Must
Be Like Oxygen

Ubiquitous,
Necessary and
Invisible



Please shut off
and put away
all cell phones,
ipods, and gameboys
before entering
the library.
Thank you!

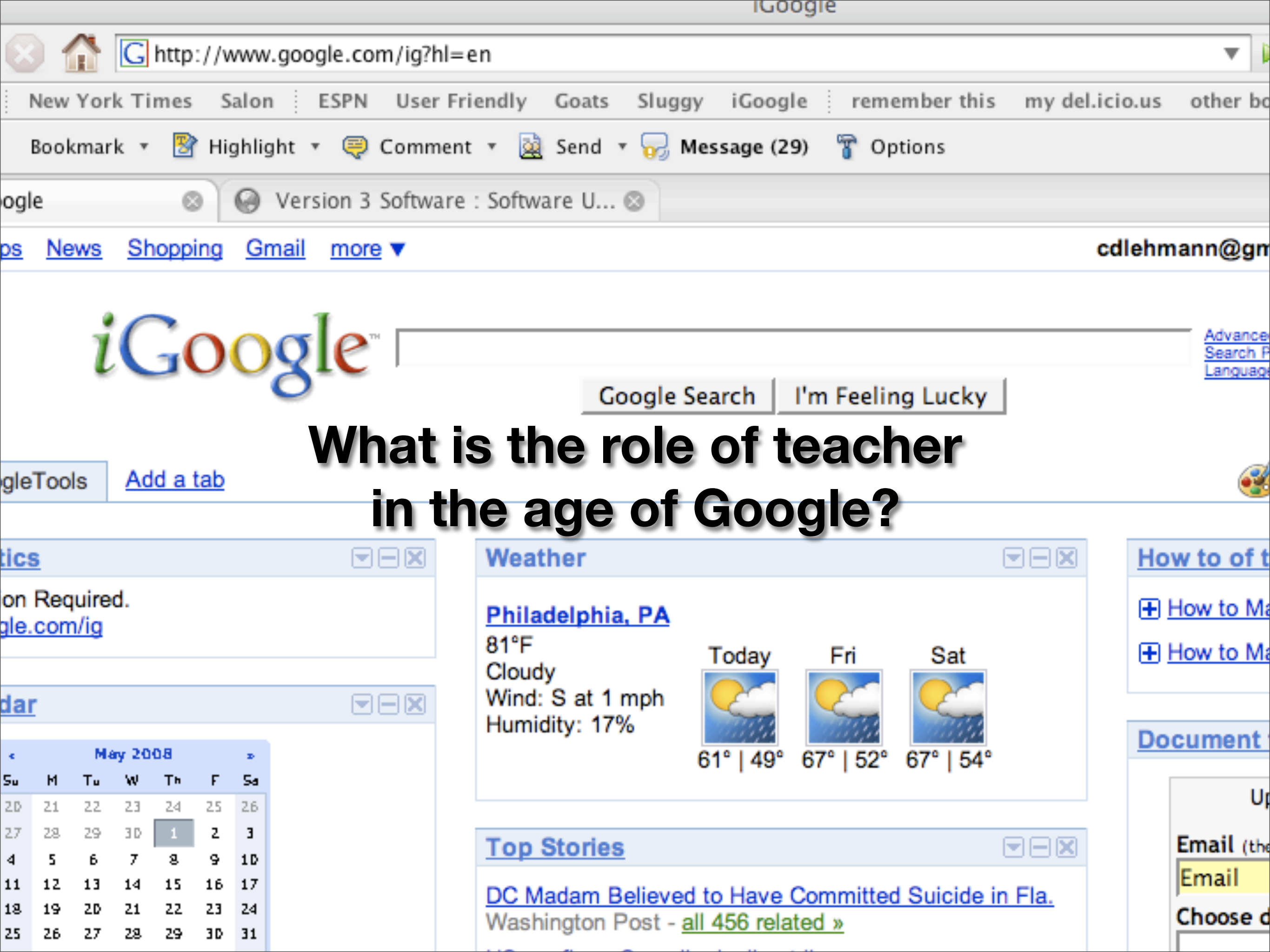
Transparency

We Can Invite the World to Our Schools

Our Kids Can Change the World

A group of people are seated around a table in a meeting room. Large windows in the background show a city street with a red car and buildings. The text 'Research Collaborate Create Present Network' is overlaid in white.

**Research
Collaborate
Create
Present
Network**



**What is the role of teacher
in the age of Google?**

Wisdom.